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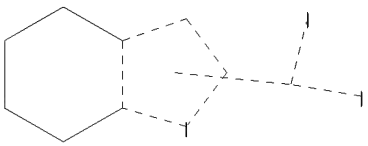

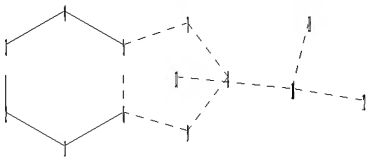

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10 11 12
ring nodes :
1 2 3 4 5 6 7 8 9
chain bonds :
10-12 10-11
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-9 7-8 8-9
exact/norm bonds :
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-9 7-8 8-9 10-12 10-11
isolated ring systems :
containing 1 :

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:CLASS
11:CLASS 12:CLASS 13:CLASS

L1   STRUCTURE UPLOADED

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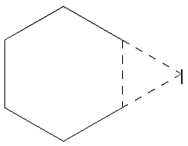

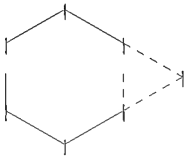

ring nodes :
1 2 3 4 5 6 7
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-7
exact/norm bonds :
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-7
isolated ring systems :
containing 1 :

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom

L4   STRUCTURE UPLOADED

L1   STRUCTURE UPLOADED
L2   50 S L1

```
L3        34794 S L1 SSS FULL
L4              STRUCTURE UPLOADED
L5           28 S L4
L6          692 S L4 SSS FULL

     FILE 'CAPLUS' ENTERED AT 08:46:04 ON 02 MAY 2008
L7        10766 S L3
L8          662 S L6
L9            7 S L7 AND L8

     FILE 'REGISTRY' ENTERED AT 08:46:27 ON 02 MAY 2008

     FILE 'CAPLUS' ENTERED AT 08:46:39 ON 02 MAY 2008
L10           2 S US200!-580610/APPS
L11           1 S L9 AND L10
L12           6 S L9 NOT L10

     FILE 'REGISTRY' ENTERED AT 08:47:12 ON 02 MAY 2008

=> d l1
L1 HAS NO ANSWERS
L1              STR
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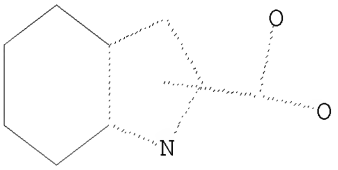

Structure attributes must be viewed using STN Express query preparation.

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L4 HAS NO ANSWERS
L4              STR
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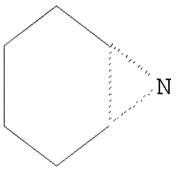

Structure attributes must be viewed using STN Express query preparation.

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L11  ANSWER 1 OF 1  CAPLUS  COPYRIGHT 2008 ACS on STN
AN   2005:523418  CAPLUS <<LOGINID::20080502>>
DN   143:44076
TI   A method for the preparation of (2S,3aR,7aS)-octahydro-1H-indole-2-
     carboxylic acid as key intermediate in the preparation of trandolapril by
     reacting a cyclohexyl aziridine with a dialkyl malonate
IN   Cid, Pau
PA   Texcontor Etablissement, Liechtenstein
SO   PCT Int. Appl., 34 pp.
     CODEN: PIXXD2
```

DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2005054194	A1	20050616	WO 2004-EP13377	20041125
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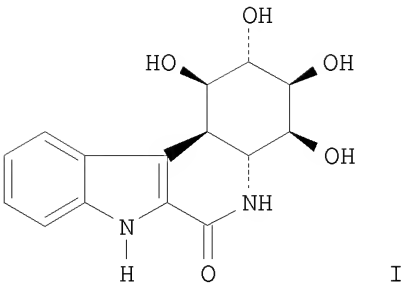
	RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	EP 1687271	A1	20060809	EP 2004-819621	20041125
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK, IS				
	US 20070225505	A1	20070927	US 2007-580610	20070212 <--
PRAI	EP 2003-257417	A	20031125		
	WO 2004-EP13377	W	20041125		

OS CASREACT 143:44076; MARPAT 143:44076
AB Trandolapril intermediate (2S,3aR,7aS)-octahydro-1H-indole-2-carboxylic acid (or its C-protected derivs. or salts) was prepared by reacting a cyclohexyl aziridine with a dialkyl malonate to form a trans-fused 3-(alkylcarbonyl)octahydroindol-2-one, decarbonylation at the 3-position, conversion of 2-oxo group to an optionally protected carboxylic acid group, and removal of any N-substitution. Examples illustrate the synthetic method, starting with reaction of cyclohexene with chloramine-T to form N-tosylcyclohexanoaziridine.
RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d l12 tot bib abs hitstr

L12 ANSWER 1 OF 6 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2005:289509 CAPLUS <<LOGINID::20080502>>
DN 143:7555
TI Reactions of Indole Derivatives with Oxiranes and Aziridines on Silica. Synthesis of β-Carbolin-1-one Mimic of Pancratistatin
AU Hudlicky, Tomas; Rinner, Uwe; Finn, Kevin J.; Ghiviriga, Ion
CS Department of Chemistry, Brock University, St. Catharines, ON, L2S 3A1, Can.
SO Journal of Organic Chemistry (2005), 70(9), 3490-3499
CODEN: JOCEAH; ISSN: 0022-3263
PB American Chemical Society
DT Journal
LA English
OS CASREACT 143:7555
GI

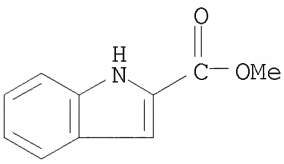


I

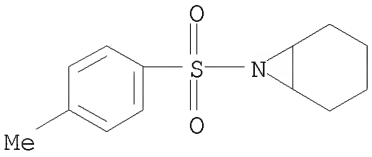
AB Indole and several indoles functionalized at C-2 were condensed with oxiranes, vinyloxiranes, aziridines, and vinylaziridines in the solid state on the surface of silica. The yields of these reactions were compared to those obtained from Lewis acid-catalyzed ring-opening reactions performed in solution and found to be superior in each case. The solid state aziridine opening constituted a key step in the synthesis of the β-carbolin-1-one mimic of pancratistatin. Me 2-indolecarboxylate was found to react on the silica gel surface with N-tosylvinylaziridine in 68% yield. A nine-step synthesis of the pancratistatin mimic I has been attained. The addnl. key transformation in this synthesis involved silica gel-catalyzed opening of an epoxide and hydrolysis of an acetonide. Detailed exptl. procedures and full characterization are reported for all new compds.

IT 1202-04-6 68820-12-2
RL: RCT (Reactant); RACT (Reactant or reagent)
(synthesis of β-carbolin-1-one mimic of pancratistatin via reactions of indole derivs. with oxiranes and aziridines in the solid state on the surface of silica)

RN 1202-04-6 CAPLUS
CN 1H-Indole-2-carboxylic acid, methyl ester (CA INDEX NAME)



RN 68820-12-2 CAPLUS
CN 7-Azabicyclo[4.1.0]heptane, 7-[(4-methylphenyl)sulfonyl]- (CA INDEX NAME)



IT 811419-63-3P 811419-64-4P 811419-67-7P
811419-68-8P 811419-71-3P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT

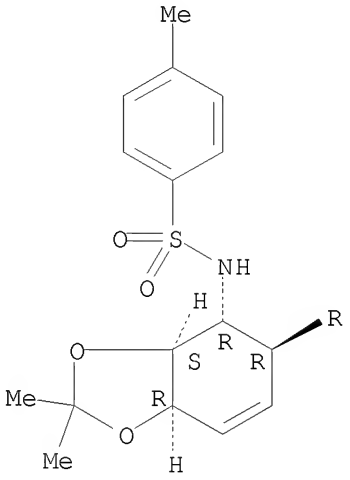
(Reactant or reagent)
(synthesis of β-carbolin-1-one mimic of pancratistatin via reactions of indole derivs. with oxiranes and aziridines in the solid state on the surface of silica)

RN 811419-63-3 CAPLUS

CN 1H-Indole-2-carboxylic acid, 3-[(3aS,4R,5R,7aR)-3a,4,5,7a-tetrahydro-2,2-dimethyl-4-[[(4-methylphenyl)sulfonyl]amino]-1,3-benzodioxol-5-yl]-, methyl ester (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).

PAGE 1-A



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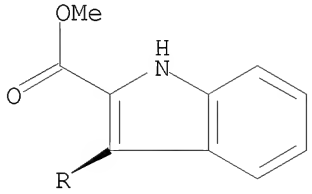
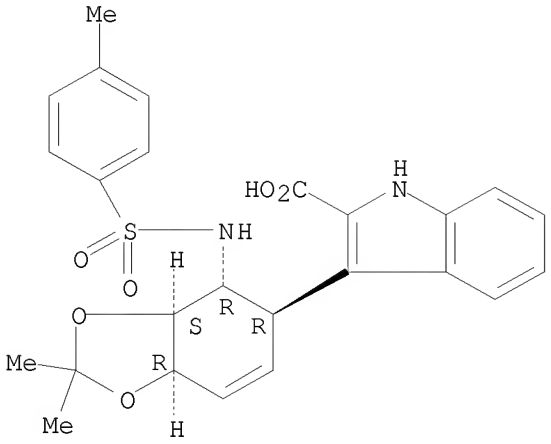


RN 811419-64-4 CAPLUS

CN 1H-Indole-2-carboxylic acid, 3-[(3aS,4R,5R,7aR)-3a,4,5,7a-tetrahydro-2,2-dimethyl-4-[[(4-methylphenyl)sulfonyl]amino]-1,3-benzodioxol-5-yl]- (CA INDEX NAME)

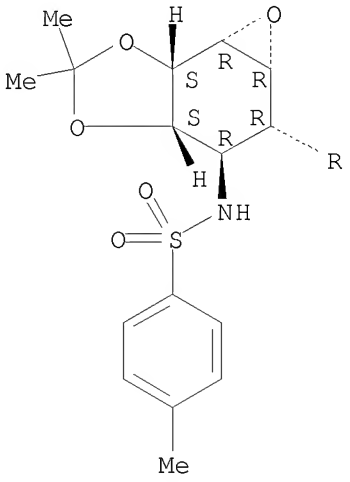
Absolute stereochemistry.



RN 811419-67-7 CAPLUS
CN D-epi-Inositol, 3,4-anhydro-5,6-dideoxy-5-[2-(methoxycarbonyl)-1H-indol-3-yl]-1,2-O-(1-methylethylidene)-6-[[(4-methylphenyl)sulfonyl]amino]- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).

PAGE 1-A



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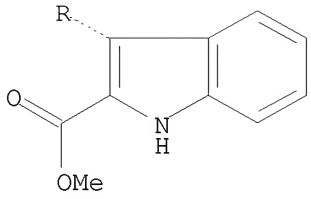
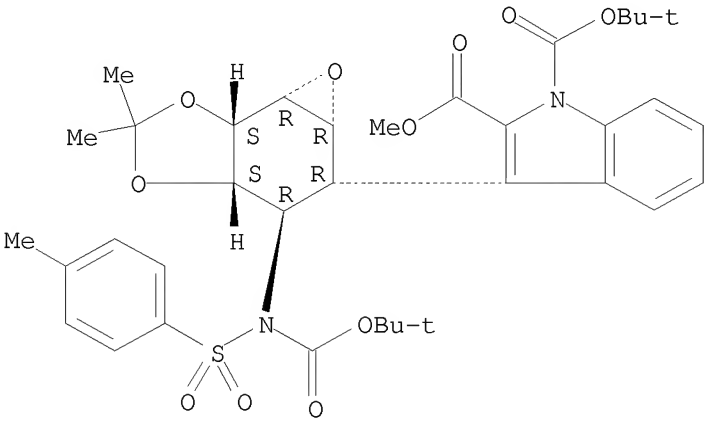


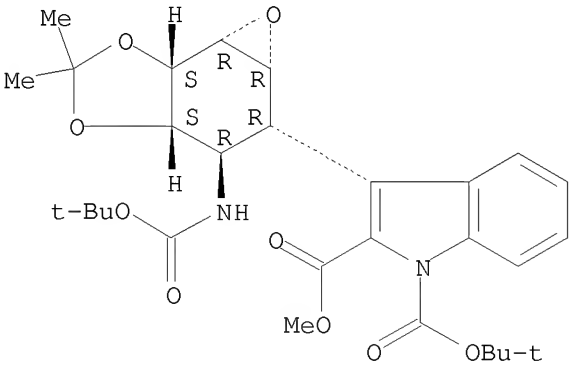
RN 811419-68-8 CAPLUS
CN D-epi-Inositol, 3,4-anhydro-5,6-dideoxy-5-[1-[(1,1-dimethylethoxy)carbonyl]-2-(methoxycarbonyl)-1H-indol-3-yl]-6-[[(1,1-dimethylethoxy)carbonyl][(4-methylphenyl)sulfonyl]amino]-1,2-O-(1-methylethylidene)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 811419-71-3 CAPLUS
CN D-epi-Inositol, 3,4-anhydro-5,6-dideoxy-6-[[(1,1-dimethylethoxy)carbonyl]amino]-5-[1-[(1,1-dimethylethoxy)carbonyl]-2-(methoxycarbonyl)-1H-indol-3-yl]-1,2-O-(1-methylethylidene)- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).



RE.CNT 104 THERE ARE 104 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L12 ANSWER 2 OF 6 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2004:80349 CAPLUS <<LOGINID::20080502>>
DN 140:146136
TI Preparation of chemokine receptor binding (benzimidazol-2-ylmethyl)(5,6,7,8-tetrahydroquinolin-8-yl)amines and related heterocyclic compounds with enhanced efficacy against AIDS and other disorders
IN Bridger, Gary; Kaller, Al; Harwig, Curtis; Skerlj, Renato; Bogucki, David; Wilson, Trevor R.; Crawford, Jason; McEachern, Ernest J.; Atsma, Bem; Nan,

Siqiao; Zhou, Yuanxi; Schols, Dominique; Smith, Christopher D.; Di Fluri, Maria R.

PA USA

SO U.S. Pat. Appl. Publ., 154 pp., Cont.-in-part of U.S. Ser. No. 446,170. CODEN: USXXCO

DT Patent

LA English

FAN.CNT 2

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI US 20040019058	A1	20040129	US 2003-457034	20030606
US 7354932	B2	20080408		
US 20030220341	A1	20031127	US 2002-329329	20021223
CA 2522535	A1	20041209	CA 2004-2522535	20040521
WO 2004106493	A2	20041209	WO 2004-US15977	20040521
WO 2004106493	A3	20050825		
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RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
EP 1628533	A2	20060301	EP 2004-752905	20040521
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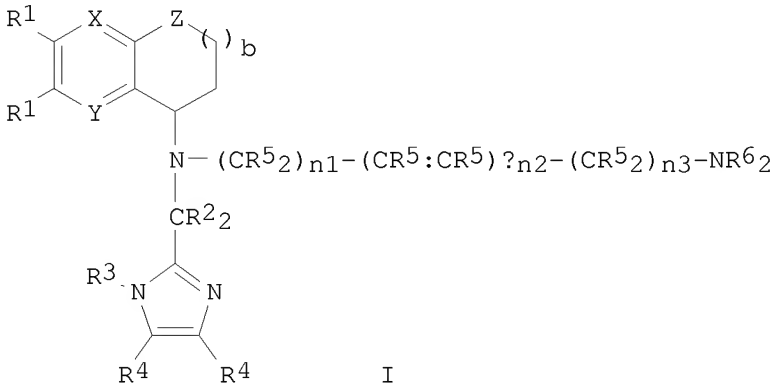
JP 2007502864	T	20070215	JP 2006-533279	20040521
ZA 2004004589	A	20050909	ZA 2004-4589	20040609
US 20060100240	A1	20060511	US 2005-301725	20051213
US 7354934	B2	20080408		
PRAI US 2001-342716P	P	20011221		
US 2002-350822P	P	20020117		
US 2002-329329	A2	20021223		
US 2003-446170	A2	20030523		
US 2003-457034	A	20030606		
WO 2004-US15977	W	20040521		

OS MARPAT 140:146136

GI



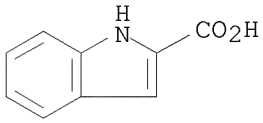
I

AB The invention relates to heterocyclic compds. (shown as I; e.g. (1H-benzimidazol-2-ylmethyl)(piperidin-3-ylmethyl)(5,6,7,8-tetrahydroquinolin-8-yl)amine trihydrobromide) consisting of a core N atom surrounded by three pendant groups, wherein two of the three pendant groups are preferably benzimidazolylmethyl and tetrahydroquinolyl, and the 3rd pendant group contains N and optionally contains addnl. rings. The compds. bind to chemokine receptors, including CXCR4 and CCR5, and demonstrate protective effects against infection of target cells by a human immunodeficiency virus (HIV). Many I exhibit IC50 values of 5-5.5 nM for inhibition of HIV-1 (NL4.3) replication in peripheral blood mononuclear cells and 5 nM-5 μM for inhibition of SDF-1α induced Ca flux in CCRF-CEM cells, a T-lymphoblastoid cell line that expresses CXCR4. It is also stated that the compds. I behave in a manner similar to 1,1'-[1,4-phenylene-bis(methylene)]-bis-1,4,8,11-tetraazacyclotetradecane (AMD3100) which showed to elevate progenitor cell levels (data given). Although the methods of preparation are not claimed, >170 example prepns. are included. For I: X and Y = N or CR1; Z is S, O, NR1 or CR12; each R1-R6 = H or a noninterfering substituent; n1 is 0-4; n2 is 0-1, wherein the a signifies C.tplbond.C may be substituted for CR5:CR5; n3 is 0-4; wherein n1 + n2 + n3 = ≥ 2; b is 0-2; wherein the following combinations of R groups may be coupled to generate a ring, which ring may be (un)saturated: R2 + R2, one R2 + R3, R3 + one R4, R4 + R4, one R5 + another R5, one R5 + one R6, and R6 + R6; wherein the ring may not be aromatic when the participants in ring formation are two R5; and wherein when n2 is 1, neither n1 nor n3 can be 0.

IT 1477-50-5, Indole-2-carboxylic acid
RL: RCT (Reactant); RACT (Reactant or reagent)
(preparation of chemokine receptor binding benzimidazolylmethyl tetrahydroquinolinyl amines and related heterocyclic compds. with enhanced efficacy against AIDS and other disorders)

RN 1477-50-5 CAPLUS

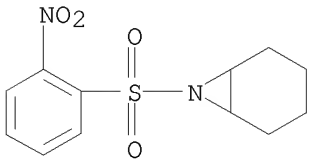
CN 1H-Indole-2-carboxylic acid (CA INDEX NAME)



IT 298680-75-8P, N-(2-Nitrobenzenesulfonyl)-7-azabicyclo[4.1.0]heptane
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of chemokine receptor binding benzimidazolylmethyl tetrahydroquinolinyl amines and related heterocyclic compds. with enhanced efficacy against AIDS and other disorders)

RN 298680-75-8 CAPLUS

CN 7-Azabicyclo[4.1.0]heptane, 7-[(2-nitrophenyl)sulfonyl]- (CA INDEX NAME)



L12 ANSWER 3 OF 6 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2003:532661 CAPLUS <<LOGINID::20080502>>
DN 139:101128
TI Preparation of chemokine receptor binding (benzimidazol-2-ylmethyl)(5,6,7,8-tetrahydroquinolin-8-yl)amines and related heterocyclic compounds with enhanced efficacy against AIDS and other disorders
IN Bridger, Gary J.; Skerlj, Renato T.; Kaller, Al; Harwig, Curtis; Bogucki, David; Wilson, Trevor; Crawford, Jason; McEachern, Ernest J.; Atsma, Bem; Nan, Siqiao; Zhou, Yuanxi; Schols, Dominique; Smith, Christopher Dennis; Di Fluri, Rosaria Maria
PA Anormed Inc., Can.; et al.; et al.
SO PCT Int. Appl., 360 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003055876	A1	20030710	WO 2002-US41407	20021223
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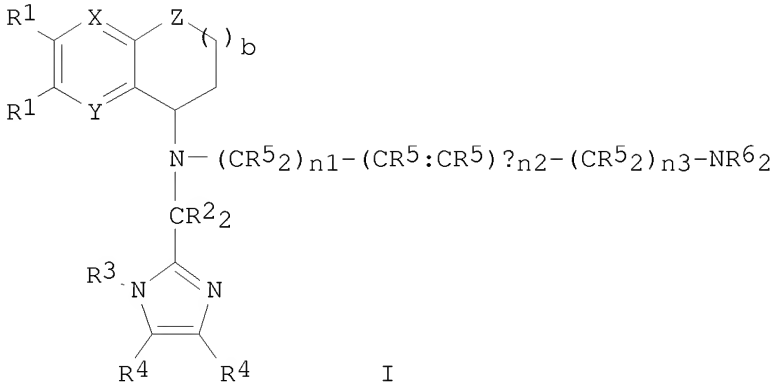
	CA 2467718	A1	20030710	CA 2002-2467718	20021223
	AU 2002357379	A1	20030715	AU 2002-357379	20021223
	BR 2002015050	A	20041013	BR 2002-15050	20021223
	EP 1465889	A1	20041013	EP 2002-805977	20021223
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK				
	CN 1596255	A	20050316	CN 2002-825638	20021223
	JP 2005518397	T	20050623	JP 2003-556406	20021223
	HU 2004002458	A2	20050728	HU 2004-2458	20021223
	NZ 533542	A	20070427	NZ 2002-533542	20021223
	IN 2004KN00593	A	20060616	IN 2004-KN593	20040506
	ZA 2004004589	A	20050909	ZA 2004-4589	20040609
	NO 2004002578	A	20040907	NO 2004-2578	20040618
	MX 2004PA06136	A	20041101	MX 2004-PA6136	20040621
PRAI	US 2001-342716P	P	20011221		
	US 2002-350822P	P	20020117		
	WO 2002-US41407	W	20021223		

OS MARPAT 139:101128
GI



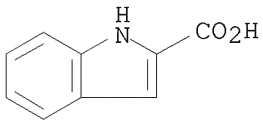
I

AB The invention relates to heterocyclic compds. (shown as I; e.g. (1H-benzimidazol-2-ylmethyl)(piperidin-3-ylmethyl)(5,6,7,8-tetrahydroquinolin-8-yl)amine trihydrobromide) consisting of a core N atom surrounded by three pendant groups, wherein two of the three pendant groups are preferably benzimidazolylmethyl and tetrahydroquinolyl, and the 3rd pendant group contains N and optionally contains addnl. rings. The compds. bind to chemokine receptors, including CXCR4 and CCR5, and demonstrate protective effects against infection of target cells by a human immunodeficiency virus (HIV). Many I exhibit IC50 values of 5-5.5 nM for inhibition of HIV-1 (NL4.3) replication in peripheral blood mononuclear cells and 5 nM-5 μM for inhibition of SDF-1α induced Ca flux in CCRF-CEM cells, a T-lymphoblastoid cell line that expresses CXCR4. Although the methods of preparation are not claimed, >170 example prepns. are included. For I: X and Y = N or CR1; Z is S, O, NR1 or CR12; each R1-R6 = H or a noninterfering substituent; n1 is 0-4; n2 is 0-1, wherein the a signifies C.tplbond.C may be substituted for CR5:CR5; n3 is 0-4; wherein n1 + n2 + n3 = ≥ 2; b is 0-2; wherein the following combinations of R groups may be coupled to generate a ring, which ring may be (un)saturated: R2 + R2, one R2 + R3, R3 + one R4, R4 + R4, one R5 + another R5, one R5 + one R6, and R6 + R6; wherein the ring may not be aromatic when the participants in ring formation are two R5; and wherein when n2 is 1, neither n1 nor n3 can be 0.

IT 1477-50-5, Indole-2-carboxylic acid
RL: RCT (Reactant); RACT (Reactant or reagent)
(preparation of chemokine receptor binding benzimidazolylmethyl tetrahydroquinolinyl amines and related heterocyclic compds. with enhanced efficacy against AIDS and other disorders)

RN 1477-50-5 CAPLUS

CN 1H-Indole-2-carboxylic acid (CA INDEX NAME)

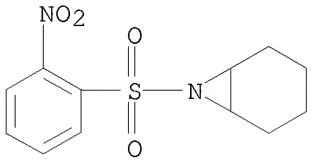


IT 298680-75-8P, N-(2-Nitrobenzenesulfonyl)-7-azabicyclo[4.1.0]heptane
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of chemokine receptor binding benzimidazolylmethyl

tetrahydroquinolinyl amines and related heterocyclic compds. with enhanced efficacy against AIDS and other disorders)

RN 298680-75-8 CAPLUS

CN 7-Azabicyclo[4.1.0]heptane, 7-[(2-nitrophenyl)sulfonyl]- (CA INDEX NAME)



RE.CNT 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L12 ANSWER 4 OF 6 CAPLUS COPYRIGHT 2008 ACS on STN

AN 2002:881494 CAPLUS <<LOGINID::20080502>>

DN 139:214244

TI Product class 5: 1H-azirines

AU Zeller, K.-P.

CS Institut fuer Organische Chemie, Universitaet Tuebingen, Tuebingen, 72076, Germany

SO Science of Synthesis (2002), 9, 67-83
CODEN: SSCYJ9

PB Georg Thieme Verlag

DT Journal; General Review

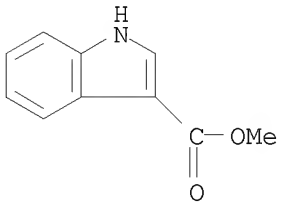
LA English

AB A review discusses the role of 1H-azirines as short-lived reaction intermediates and their isolation and characterization by spectroscopic techniques in low-temperature matrixes. The reaction of alkynes with nitrenes or nitrene equivalent and the generation of nitrene (NH) from hydrazoic acid are described.

IT 942-24-5P, 3-Methoxycarbonylindole 1202-04-6P, 2-Methoxycarbonylindole
RL: SPN (Synthetic preparation); PREP (Preparation)
(azirines as intermediates in dinitrogen elimination of triazoles)

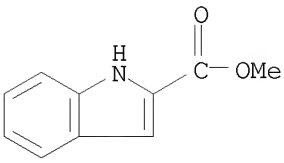
RN 942-24-5 CAPLUS

CN 1H-Indole-3-carboxylic acid, methyl ester (CA INDEX NAME)

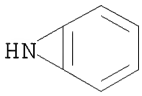


RN 1202-04-6 CAPLUS

CN 1H-Indole-2-carboxylic acid, methyl ester (CA INDEX NAME)

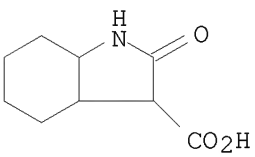


IT 6574-00-1, 7-Azabicyclo[4.1.0]hepta-1,3,5-triene
RL: FMU (Formation, unclassified); RCT (Reactant); FORM (Formation, nonpreparative); RACT (Reactant or reagent)
(generation of cyclic α-imino carbenes from benzotriazoles with formation of transient benzo[b]azirine)
RN 6574-00-1 CAPLUS
CN 7-Azabicyclo[4.1.0]hepta-1,3,5-triene (CA INDEX NAME)

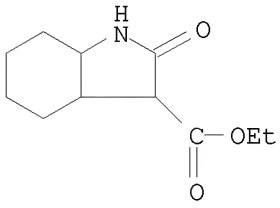


RE.CNT 57 THERE ARE 57 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

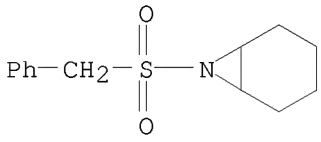
L12 ANSWER 5 OF 6 CAPLUS COPYRIGHT 2008 ACS on STN
AN 1975:531405 CAPLUS <<LOGINID::20080502>>
DN 83:131405
OREF 83:20665a,20668a
TI Aminoethylation. II. Reactions of meso-cis-cyclohexenimine and its derivative with diethyl malonate. Synthesis of trans-octahydroindole
AU Kojima, Masaharu; Tomioka, Yukihiko
CS Fac. Pharm. Sci., Kyushu Univ., Fukuoka, Japan
SO Yakugaku Zasshi (1975), 95(7), 889-92
CODEN: YKKZAJ; ISSN: 0031-6903
DT Journal
LA Japanese
OS CASREACT 83:131405
GI For diagram(s), see printed CA Issue.
AB Meso-cis-cyclohexenimine or N-benzylsulfonyl-meso-cis-cyclohexenimine reacted with sodium ethyl malonate in EtOH or (EtO)2CO to give 2-oxo-3-ethoxycarbonyl-trans-octahydroindole or N-benzylsulfonyl-2-oxo-3-ethoxycarbonyl-trans-octahydroindole I (R = H, PhCH2SO2, resp.). Reduction of octahydro-2-oxoindole, which was obtained after hydrolysis and decarboxylation of I (R = H) with LiAlH4 gave trans-octahydroindole.
IT 56921-06-3P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and decarboxylation of)
RN 56921-06-3 CAPLUS
CN 1H-Indole-3-carboxylic acid, octahydro-2-oxo- (CA INDEX NAME)



IT 56921-03-0P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and hydrolysis of)
RN 56921-03-0 CAPLUS
CN 1H-Indole-3-carboxylic acid, octahydro-2-oxo-, ethyl ester (CA INDEX NAME)

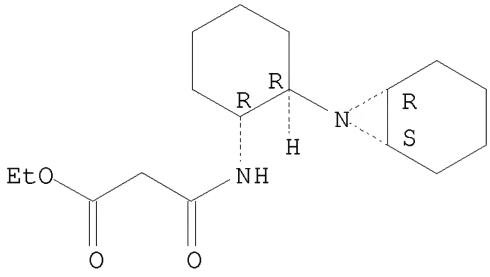


IT 56251-85-5P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and reaction with malonate, indole derivative from)
RN 56251-85-5 CAPLUS
CN 7-Azabicyclo[4.1.0]heptane, 7-[(phenylmethyl)sulfonyl]- (CA INDEX NAME)

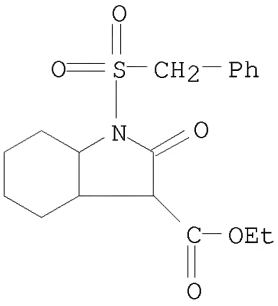


IT 56921-04-1P 56921-05-2P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 56921-04-1 CAPLUS
CN Propanoic acid, 3-[[2-(7-azabicyclo[4.1.0]hept-7-yl)cyclohexyl]amino]-3-oxo-, ethyl ester, [1α,6α,7(1R*,2R*)]- (9CI) (CA INDEX NAME)

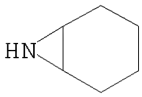
Relative stereochemistry.



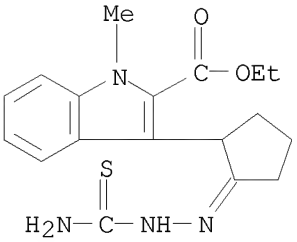
RN 56921-05-2 CAPLUS
CN 1H-Indole-3-carboxylic acid, octahydro-2-oxo-1-[(phenylmethyl)sulfonyl]-, ethyl ester (CA INDEX NAME)



IT 286-18-0
RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction of, with malonate, indole derivs. from)
RN 286-18-0 CAPLUS
CN 7-Azabicyclo[4.1.0]heptane (CA INDEX NAME)

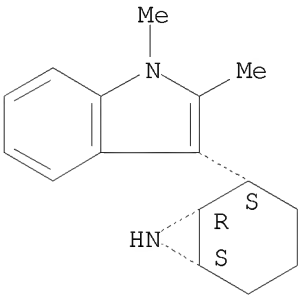


L12 ANSWER 6 OF 6 CAPLUS COPYRIGHT 2008 ACS on STN
AN 1972:461723 CAPLUS <<LOGINID::20080502>>
DN 77:61723
OREF 77:10207a,10210a
TI Synthesis and reactions of 3-indolyl β ketones
AU Freter, Kurt
CS Pharm.-Res. Canada Ltd., Pointe Claire, QC, Can.
SO Journal of Organic Chemistry (1972), 37(12), 2010-15
CODEN: JOCEAH; ISSN: 0022-3263
DT Journal
LA English
GI For diagram(s), see printed CA Issue.
AB Reaction of indoles with free 3 position with α-halo ketones in acidic solns. affords 3-indolyl ketones. This novel reaction conveniently offers versatile starting materials for indolyl-cyclohexyl oximes (e.g., I), amines, alcs., indolyl-azabicycloheptanes (e.g., II), and indolylfatty acids, as well as pyrano[3,4-b]indoles (e.g., III).
IT 32500-47-3P 32500-54-2P 32500-55-3P
32544-47-1P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 32500-47-3 CAPLUS
CN 1H-Indole-2-carboxylic acid, 3-[2-[(aminothioxomethyl)hydrazono]cyclopenty
l]-1-methyl-, ethyl ester (9CI) (CA INDEX NAME)



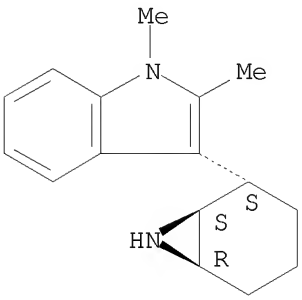
RN 32500-54-2 CAPLUS
CN 7-Azabicyclo[4.1.0]heptane, 2-(1,2-dimethyl-1H-indol-3-yl)-, (1α,2β,6α)- (9CI) (CA INDEX NAME)

Relative stereochemistry.

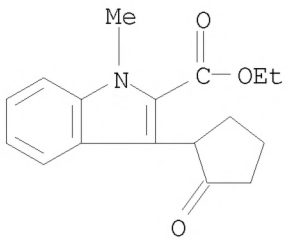


RN 32500-55-3 CAPLUS
CN 7-Azabicyclo[4.1.0]heptane, 2-(1,2-dimethyl-1H-indol-3-yl)-, (1α,2α,6α)- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 32544-47-1 CAPLUS
CN 1H-Indole-2-carboxylic acid, 1-methyl-3-(2-oxocyclopentyl)-, ethyl ester (CA INDEX NAME)


Me
N
O
C
OEt
O